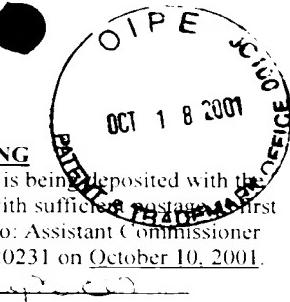


Docket No. 24012-3

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in a box addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on October 10, 2001.

Stephanie Berlepsch



PATENT

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Applicant: Albert D. Edgar and Steven C. Penn

Serial No.: 09/702,388 : Group Art Unit: 2878

Filed: October 31, 2000 : Examiner:

For: **METHOD AND APPARATUS FOR SCANNING IMAGES**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98 Applicant herewith submits certain patent references which the Patent & Trademark Office may wish to consider in examining the above-identified application. The references are listed on the attached Form PTO-1449.

Copies of the listed references are also provided. No representation is made or intended that a prior art search has been made or that no better art than that listed is available.

Please charge any fees required, or credit any overpayment, to Deposit Account No. 04-1133.

Respectfully submitted,

By

Martin J. Miller

Registration No. 35,963

Attorney for Applicant(s)

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<b>FORM PTO-1449</b>		<b>ATTY.</b> <b>DOCKET</b>	24012-3	<b>SERIAL NO.</b>	09/702,388	
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION</b>		<b>APPLICANT</b>	Albert D. Edgar and Steven C. Penn			
		<b>FILING DATE</b>	October 31, 2000	<b>GROUP</b>	2878	
<b>DISCLOSURE STATEMENT (Supplemental)</b>		<b>EOR: Method and Apparatus for Scanning Images</b>				
		OCT 18 2001				

**UNITED STATES LETTERS PATENT**

	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
	4	2	6	0	8	9	9	Apr. 7, 1981	Baker	250	563
	4	3	0	1	4	6	9	Nov. 17, 1981	Modeen et al.	358	75
	4	3	0	2	1	0	8	Nov. 24, 1981	Timson	356	359
	4	4	6	2	8	6	0	Jul. 31, 1984	Szmandra	156	626
	4	6	7	0	7	7	9	Jun. 2, 1987	Nagano	358	75
	4	6	7	7	4	6	5	Jun. 30, 1987	Alkofer	358	80
	4	6	8	0	6	3	8	Jul. 14, 1987	Childs	358	214
	4	7	0	0	2	2	9	Oct. 13, 1987	Herrmann et al.	358	166
	4	7	7	5	2	3	8	Oct. 4, 1988	Weber	356	431
	4	7	9	6	0	6	1	Jan. 3, 1989	Ikeda et al.	355	73
	4	8	4	5	5	5	1	Jul. 4, 1989	Matsumoto	358	80
	4	9	3	3	5	6	6	Jun. 12, 1990	Masaaki et al.	250	563
	4	9	3	7	7	2	0	Jun. 26, 1990	Kirchberg	363	41
	4	9	6	9	0	4	5	Nov. 6, 1990	Haruki et al.	358	228
	4	9	7	2	0	9	1	Nov. 20, 1990	Cielo et al.	250	562
	4	9	8	9	9	7	3	Feb. 5, 1991	Noso et al.	356	239
	4	9	9	4	9	1	8	Feb. 19, 1991	Lingemann	358	214
	5	0	0	3	3	7	9	Mar. 26, 1991	Moore, Jr. et al.	358	54
	5	0	1	0	4	0	1	Apr. 23, 1991	Murakami et al.	358	136

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	WO 84/02019	May 25, 1984	PCT	G06F	15/20
	WO 89/06890	Jul. 27, 1989	PCT	H04N	3/36
	WO 90/01240	Feb. 8, 1990	PCT	H04N	1/40
	WO 91/09493	Jun. 27, 1991	PCT	H04N	5/127
	WO 92/05469	Apr. 2, 1992	PCT	G03B	27/53
	WO 95/15530	Jun. 8, 1995	PCT	G06F	17/14
	WO 97/16028	May 1, 1997	PCT	H04N	7/30

**OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

	New Adaptive Vector Filter Based on Noise Estimate. Mei Yu, et al., IEICE Trans Fundamentals, Vol. E82, No. 6, June, 1999.
	A Robust Method for Parameter Estimation of Signal-Dependent Noise Models in Digital Images, B. Aiazzi, et al., IEEE, 1997, pp. DSP 97 - 601-604.
	A Regularized Iterative Image Restoration Algorithm, Aggelos K. Katsaggelos, et al., IEEE, 1991, pp. 914-929.
	Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images, M. Doyle, et al., 8306 Magnetic Resonance in Medicine, May, 31, 1994, No. 5, Baltimore, MD., pp. 546-550
	Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement, Til Aach, et al., IEEE, 1996, pp. 335-338.
	Adaptive-neighborhood filtering of images corrupted by signal-dependent noise, Rangaraj M. Rangayyan et al., Applied Optics, Vol. 37, No. 20, July 10, 1998, pp. 4477-4487.

EXAMINER DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		ATTY. DOCKET	24012-3	SERIAL NO.	09/702,388
LIST OF PATENTS AND PUBLICATIONS		APPLICANT	Albert D. Edgar and Steven C. Penn		
FOR APPLICANT'S INFORMATION		FILING DATE	October 31, 2000		GROUP 2878
DISCLOSURE STATEMENT (Supplemental)		FOR: Method and Apparatus for Scanning Images			

UNITED STATES LETTERS PATENT												
		DOCUMENT NUMBER				DATE	NAME	CLASS	SUB CLASS			
		5	0	4	7	9	6	8	Sep. 10, 1991	Carrington et al.	364	574
		5	0	5	8	9	8	2	Oct. 22, 1991	Katzir	385	33
		5	0	9	1	9	7	2	Feb. 25, 1992	Kwon et al.	382	54
		5	0	9	7	5	2	1	Mar. 17, 1992	Massmann	382	54
		5	1	4	9	9	6	0	Sep. 22, 1992	Dunne et al.	250	226
		5	1	5	5	5	9	6	Oct. 13, 1992	Kurtz et al.	358	214
		5	2	0	0	8	1	7	Apr. 6, 1993	Birnbaum	358	80
		5	2	9	1	2	8	6	Mar. 1, 1994	Murakami et al.	348	469
		5	2	6	7	0	3	0	Nov. 30, 1993	Giorgianni et al.	358	527
		5	3	1	1	3	1	0	May 10, 1994	Jozawa et al.	348	416
		5	3	3	5	0	8	6	Aug. 2, 1994	Kitamura	358	431
		5	3	7	1	5	4	2	Dec. 6, 1994	Pauli et al.	348	262
		5	4	4	7	8	1	1	Sep. 5, 1995	Buhr et al.	430	20
		5	4	4	8	3	8	0	Sep. 5, 1995	Park	358	520
		5	4	5	2	0	1	8	Sep. 19, 1995	Capitant et al.	348	651
		5	4	6	5	1	5	5	Nov. 7, 1995	Edgar	385	500
		5	4	6	5	1	6	3	Nov. 7, 1995	Yoshihara et al.	358	444
		5	4	7	7	3	4	5	Dec. 19, 1995	Tse	358	500
		5	5	0	9	0	8	6	Apr. 16, 1996	Edgar et al.	382	167
		5	5	1	6	6	0	8	May 14, 1996	Hobbs et al.	430	30

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	WO 98/31142	Jul. 16, 1998	PCT	H04N	5/253
	WO 98/34397	Aug. 6, 1998	PCT	H04N	
	WO 99/40729	Aug. 12, 1999	PCT	H04N	9/11
	WO 01/48694	Jul. 5, 2001	PCT	G06T	5/00
	GB 2 283 633 A	May 10, 1995	United Kingdom	H04N	5/262
	DE 28 21 868 A1	Nov. 22, 1979	Germany	G01N	21/32
	DE 196 36 867 C1	Jan. 2, 1998	Germany	H04N	5/21

## OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	Grayscale Characteristics, Photographic Negatives The Nature of Color Images, pp. 163-168.
	Digital Imaging Equipment White Papers, Putting Damaged Film on Ice, A Technical Discussion of Advances in Digital Imaging, Nikon Corporation, <a href="http://www.nikonusa.com/reference/whitepapers_imaging/ditechdisc.html">http://www.nikonusa.com/reference/whitepapers_imaging/ditechdisc.html</a> , Aug. 5, 1999.
	Local Cosine Transform – A Method for the Reduction of the Blocking Effect in JPEG, Gil Aharoni, et al., Journal of Mathematical Imaging and Vision, 3, 7-38, 1993.
	Digital ICE, Applied Science Fiction, Inc., <a href="http://www.asf.com/html/o_products/iceprod.html">http://www.asf.com/html/o_products/iceprod.html</a> , Aug. 5, 1999.
	About Digital ICE Technology, Applied Science Fiction, Inc., <a href="http://www.asf.com/html/o_products/iceotech.html">http://www.asf.com/html/o_products/iceotech.html</a> , Aug. 5, 1999.
	2-D Adaptive Volterra Filter for 2-D Nonlinear Channel Equalisation and Image Restoration, J.N. Lin, et al., Electronic Letters, Vol. 28, No. 2, Jan. 16, 1992, pp. 180-182.

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							FOR: Method and Apparatus for Scanning Images					
UNITED STATES LETTERS PATENT												
		DOCUMENT NUMBER						DATE	NAME		CLASS	SUB CLASS
		5	5	5	2	9	0	4	Sep. 3, 1996	Ryoo et al.	358	518
		5	5	6	1	6	1	1	Oct. 1, 1996	Avinash	364	553
		5	5	6	5	9	3	1	Oct. 15, 1996	Girod	348	675
		5	5	6	8	2	7	0	Oct. 22, 1996	Endo	358	298
		5	5	8	1	3	7	6	Dec. 3, 1996	Harrington	358	518
		5	5	8	2	9	6	1	Dec. 10, 1996	Giorgianni et al.	430	508
		5	5	8	3	9	5	0	Dec. 10, 1996	Prokoski	382	212
		5	5	8	9	8	8	7	Dec. 31, 1996	Wischermann	348	616
		5	6	0	8	5	4	7	Mar. 4, 1997	Nakatani et al.	358	505
		5	6	4	1	5	9	6	Jun 24, 1997	Gray et al.	430	21
		5	6	6	6	4	4	3	Sep. 9, 1997	Kumashiro	382	266
		5	6	7	3	3	3	6	Sep. 30, 1997	Edgar et al.	382	167
		5	7	2	1	6	2	4	Feb. 24, 1998	Kumashiro et al.	358	450
		5	7	6	2	7	7	3	Mar. 10, 1998	Mehlo et al.	358	474
		5	7	2	9	6	3	1	Mar. 17, 1998	Wober et al.	382	232
		5	7	7	1	1	0	7	Jun. 23, 1998	Fujimoto et al.	358	464
		5	8	0	8	6	7	4	Sep. 15, 1998	Adams, Jr. et al.	348	273
		5	8	9	2	5	9	5	Apr. 6, 1999	Yamakawa et al.	358	530
		5	9	3	0	3	8	8	Jul. 27, 1999	Murakami et al.	382	167
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER						DATE	COUNTRY		CLASS	SUB CLASS
		EP 1 547 811						Jun. 27, 1979	Europe		H04N	3/36
		EP 0 422 220 A1						Apr. 17, 1991	Europe		A61B	6/03
		EP 0 482 790 B1						Apr. 29, 1992	Europe		H04N	1/40
		EP 0 527 097 A2						Feb. 10, 1993	Europe		H04N	1/40
		EP 0 569 142 A1						Nov. 10, 1993	Europe		H04N	5/253
		EP 0 624 848 A2						Nov. 17, 1994	Europe		G06F	15/68
		EP 0 699 753 A2						Aug. 30, 1995	Europe		H04N	1/407
		EP 0 716 538 A2						Jun. 12, 1996	Europe		H04N	1/50
		EP 0 751 670 A2						Jan. 2, 1997	Europe		H04N	1/10
		EP 0 768 621 A2						Apr. 16, 1997	Europe		G06T	5/20
		EP 0 794 454 A2						Sep. 10, 1997	Europe		G03B	27/73
		EP 0 816 833 A2						Jan. 7, 1998	Europe		G01N	21/88
		EP 0 816 833 A3						Aug. 26, 1998	Europe		G01N	21/88
		EP 0 893 914 A2						Jan. 27, 1999	Europe		H04N	5/253
OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)												

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		Albert D. Edgar and Steven C. Penn		
FOR APPLICANT'S INFORMATION		FILING DATE	GROUP	
DISCLOSURE STATEMENT (Supplemental)		October 31, 2000	2878	
RSR: Method and Apparatus for Scanning Images				

~~UNPUBLISHED~~ STATES LETTERS PATENT

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	JP 11185028	Jul. 9, 1999	Japan	G06T	1/00
	JP 4-291139	Oct. 15, 1992	Japan	G01N	21/89
	JP 2000-13604	Jan. 14. 2000	Japan	H04N	1/409
	JP 2000-196813A	Jul. 14, 2000	Japan	H04N	1/4

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